

## IN THE SPECIFICATION

[0028] The release procedure is illustrated in an 'RB' valve shown in Figure 6. Figure 6 is a split view showing the 'RB' valve locked open on one side and at the instant of release on the other. The release is accomplished by an inserted release tool **T**, shown schematically in the release position as **T'**, that grabs dog **50** shown in Figure 6c and moves it to a position **50'**. When that happens, a collet **52** in Figure 6d loses support from sleeve **54** when it moves up with dog **50**. The lower portion **56** of mandrel **10** now can be biased down by spring **58** push down the actuating mechanism **60** to rotate ball **62** into the closed position from the open position shown in Figure 6f. At the same time, because collet **52** is undermined, the upper portion **62 63** of mandrel **10** can be pushed up by spring **42** far enough so that collets **22** can return to upper groove **36**. This amount of upward movement is permitted by the J-slot assembly **64**. Other release techniques are also envisioned. It should be noted that spring **24** causes collet **52** to be subsequently captured by sleeve **54** as the J-slot mechanism **64** is thereafter cycled to begin the process of reopening the valve